

Screen Printing KYDEX® Thermoplastic Sheet

For information applicable to KYDEX® FST please refer to 300 series technical briefs.

TB - 152-B

Introduction

KYDEX® thermoplastic sheet is easily printed on as long as the recommended inks are used.

A good copy can be achieved by using the recommendations sent to us by NAZDAR. NAZDAR recommends 1600, 1700, 1800, 1900, 9700, System 2, and 9600 with 10% NB-72 catalyst inks for screen printing on KYDEX® sheet. The following are test results from NAZDAR concerning screen printing on KYDEX sheet using the recommended inks:

Test Results:

Substrate Tested: [KYDEX® thermoplastic sheet](#)
Ink: 1600

Additive / Amt %	Mesh	Dry Temp / Time	Cure Rate	Treatment Required	Adhesion**					
					Tape	XH Tape	Scratch	XH Scratch	Chemical Test	Weather Test
None	355		40 x 200	No	G	G	G	G	N/A	N/A
None	355		40 x 200	Yes / alcohol wipe	G	G	G	G	N/A	N/A

Substrate Tested: [KYDEX® thermoplastic sheet](#)
Ink: 1700

Additive / Amt %	Mesh	Dry Temp / Time	Cure Rate	Treatment Required	Adhesion**					
					Tape	XH Tape	Scratch	XH Scratch	Chemical Test	Weather Test
None	355		40 x 200	No	G	G	G	G	N/A	N/A
None	355		40 x 200	Yes / alcohol wipe	G	G	G	G	N/A	N/A

Substrate Tested: [KYDEX® thermoplastic sheet](#)
Ink: 1800

Additive / Amt %	Mesh	Dry Temp / Time	Cure Rate	Treatment Required	Adhesion**					
					Tape	XH Tape	Scratch	XH Scratch	Chemical Test	Weather Test
None	355		40 x 200	No	G	G	G	G	N/A	N/A
None	355		40 x 200	Yes / alcohol wipe	G	G	G	G	N/A	N/A

Substrate Tested: [KYDEX® thermoplastic sheet](#)
Ink: 1900

Additive / Amt %	Mesh	Dry Temp / Time	Cure Rate	Treatment Required	Adhesion**					
					Tape	XH Tape	Scratch	XH Scratch	Chemical Test	Weather Test
None	355		40 x 200	No	G	G	G	G	N/A	N/A
None	355		40 x 200	Yes / alcohol wipe	G	G	G	G	N/A	N/A

KYDEX, LLC
ISO 9001 and 14001 Certified

Customer Service
6685 Low St, Bloomsburg, PA 17815 USA
Phone: 800.325.3133, +1.570.389.5810
Outside the US: +1.570.389.5814
Fax: 800.452.0155, +1.570.387.7786
Email: info@kydex.com

Technical Service
Phone: 800.682.8758
Fax: +1.570.387.8722
Outside the US: +1.570.387.6997
Email: techservice@kydex.com

www.kydex.com

Screen Printing KYDEX® Thermoplastic Sheet

For information applicable to KYDEX® FST please refer to 300 series technical briefs.

TB - 152-B

**Inks
Continued**

Substrate Tested: KYDEX® thermoplastic sheet

Ink: 9600

Additive / Amt %	Mesh	Dry Temp / Time	Cure Rate	Treatment Required	Adhesion**					
					Tape	XH Tape	Scratch	XH Scratch	Chemical Test	Weather Test
9630-NB @ 10-10%	195	24 hours		No	G	G	G	G	N/A	N/A
9630-NB @ 10-10%	195	24 hours		Yes / alcohol wipe	G	G	G	G	N/A	N/A

Substrate Tested: KYDEX® thermoplastic sheet

Ink: 9700

Additive / Amt %	Mesh	Dry Temp / Time	Cure Rate	Treatment Required	Adhesion**					
					Tape	XH Tape	Scratch	XH Scratch	Chemical Test	Weather Test
RE 180 @ 10%	195	24 hours		No	G	G	G	G	N/A	N/A
RE 180 @ 10%	195	24 hours		Yes / alcohol wipe	G	G	G	G	N/A	N/A

If you need more information, please contact NAZDAR in the US at 1-800-767-9942 or internationally on the web at <http://www.nazdar.com>

NAZDAR Customer Service and Technical Hotline:
(800) 767-9942
e-mail us at custserv@nazdar.com

NAZDAR Corporate Office
8501 Hedge Lane Terrace
Shawnee, KS 66227-3290
(913) 422-1888
Fax: (913) 422-2296

KYDEX, LLC
ISO 9001 and 14001 Certified

Customer Service
6685 Low St, Bloomsburg, PA 17815 USA
Phone: 800.325.3133, +1.570.389.5810
Outside the US: +1.570.389.5814
Fax: 800.452.0155, +1.570.387.7786
Email: info@kydex.com

Technical Service
Phone: 800.682.8758
Fax: +1.570.387.8722
Outside the US: +1.570.387.6997
Email: techservice@kydex.com

www.kydex.com

Because we cannot anticipate or control the many different conditions under which this information and our products may be used, we do not guarantee the applicability of the accuracy of this information or the suitability of our products in any given situation. Users should conduct their own tests to determine the suitability of each product for their particular purposes. Data in the physical property table represents typical values and are to serve only as a guide for engineering design. Results are obtained from specimens under ideal laboratory conditions. Right to change physical properties as a result of technical progress is reserved. THE PRODUCTS DISCUSSED ARE SOLD WITHOUT WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE, EITHER EXPRESSED OR IMPLIED, EXCEPT AS PROVIDED IN OUR STANDARD TERMS AND CONDITIONS OF SALE. Buyer assumes all responsibility for loss or damage arising from the handling and use of our products, whether done in accordance with directions or not. In no event shall the supplier or the manufacturer be liable for incidental or consequential damages. Also, statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. Consult local code and regulatory agencies for specific requirements regarding code compliance, transporting, processing, recycling and disposal of our product. Product not intended for use as a heat resistant surface. Texture, product grade and other conditions may cause variations in appearance.

This information supersedes all previously published data.